

Claims

What is claimed is:

1. A portable spray box comprising:

- 5 a. a box floor having opposing box floor sides spaced by opposing box entry and exit floor ends, the box floor having a drain hole therein;
- b. a pair of box sidewalls rising from the box floor sides;
- c. a box roof extending between the box sidewalls above the box floor, the box roof having one or more spray nozzle apertures defined therein;
- 10 d. a board passage extending through the spray box between the box entry and exit floor ends and between the box floor sides, and below the box roof and above the box floor;
- e. support rollers situated along the board passage, the support rollers being placed and oriented to translatably support boards passing through the
- 15 board passage;

whereby spray nozzles may be situated in the spray nozzle apertures, and a board may be placed on the support rollers to roll through the board passage to receive spray from the spray nozzles.

2. The portable spray box of claim 1 wherein the box floor slopes downwardly to the drain hole.

3. The portable spray box of claim 1 wherein the drain hole is in fluid communication with a liquid supply source.

4. The portable spray box of claim 1 further comprising:

- a. one or more spray nozzles mounted in the spray nozzle apertures;
- b. a liquid supply source to which the spray nozzles are connected, the liquid supply source being in fluid communication with the drain hole, whereby the liquid supply source may supply spray to the spray nozzles and receive any spray collected at the bottom of the spray box from the drain hole.

5. The portable spray box of claim 1 wherein the support rollers each extend from the box sidewalls and are rotatably mounted thereon.

6. The portable spray box of claim 5 further comprising a pair of guide stops located above the support rollers and extending between the box entry and exit floor ends at opposing sides of the board passage.

7. The portable spray box of claim 1 further comprising opposing box endwalls extending between the box sidewalls at the box entry and exit floor ends, the box endwalls each having a board passage aperture defined therein, wherein the board passage extends between the board passage apertures.

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8. The portable spray box of claim 7 wherein at least one of the box endwalls includes a lip protruding therefrom, the lip bounding at least a portion of the board passage aperture.

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9. The portable spray box of claim 8 wherein the lip has at least one of the support rollers mounted thereon.

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10. The portable spray box of claim 7 wherein at least one of the box endwalls includes an application roller mounting means thereon for removably receiving an application roller, the application roller being oriented to roll along the upper surface of a board whose lower surface is rolling along the support rollers.

11. The portable spray box of claim 1 wherein the box sidewalls are split along their height to define:

a. an upper spray box portion including the box roof, and

b. a lower spray box portion including the box floor;

and wherein the upper and lower spray box portions are hinged together at one of the box sidewalls.

12. The portable spray box of claim 1 wherein the box roof has two or more spray nozzle apertures defined therein which are spaced at different distances from the box sidewalls.

13. The portable spray box of claim 1 further comprising wheeled legs supporting the portable spray box.

14. The portable spray box of claim 13 further comprising a handle extending from the spray box.

15. The portable spray box of claim 1 further comprising an application roller removably situated along the board passage above a plane defined by the support rollers, whereby the application roller may roll along the upper surface of a board whose lower surface is rolling along the support rollers.

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16. A portable spray box comprising:

- a. a box floor having opposing box floor sides spaced by opposing box entry and exit floor ends;
- b. a pair of opposing box sidewalls extending from the box floor sides;
- 10 c. a box roof extending between the box sidewalls above the box floor, the box roof having one or more spray nozzle apertures defined therein whereby spray nozzles may be situated in the spray nozzle apertures;
- d. a pair of opposing box endwalls extending between the box sidewalls at the box entry and exit floor ends, the box endwalls having board passage apertures therein, the board passage apertures being aligned to define a
15 board passage extending through the spray box between the box entry and exit floor ends and between the box floor sides, and below the box roof and above the box floor;
- e. support rollers situated along the board passage, the support rollers being
20 placed and oriented to translatably support boards passing through the

board passage, whereby a board may be placed on the support rollers to roll through the board passage to receive spray from any spray nozzles situated in the spray nozzle apertures;

- 5 f. a pump having a pump inlet in fluid communication with at least one of the box floor, the box sidewalls, and the box endwalls, whereby the pump may receive any spray collecting in the spray box near the box floor.

10 17. The portable spray box of claim 16 wherein the pump is also in fluid communication with a liquid supply source, the liquid supply source also being in fluid communication with one or more spray nozzles situated in the spray nozzle apertures.

15 18. The portable spray box of claim 16 wherein at least one of the support rollers is provided outside the spray box on one of the box endwalls.

19. The portable spray box of claim 16 further comprising wheeled legs supporting the portable spray box.

20. A portable spray box comprising:

- a. a box floor having opposing box floor sides spaced by opposing box entry and exit floor ends;
- b. a pair of opposing box sidewalls extending from the box floor sides;
- 5 c. a box roof extending between the box sidewalls above the box floor;
- d. a pair of opposing box endwalls extending between the box sidewalls at the box entry and exit floor ends, the box endwalls having board passage apertures therein, the board passage apertures being aligned to define a board passage extending through the spray box between the box entry and
10 exit floor ends and between the box floor sides, and below the box roof and above the box floor;
- e. one or more spray nozzles situated within the spray box along the board passage;
- f. support rollers situated along the board passage, the support rollers being
15 placed and oriented to translatably support boards passing through the board passage and receiving any spray from the spray nozzles;
- g. a liquid supply source to which the spray nozzles are connected, the liquid supply source being in fluid communication with one or more of the box floor, the box sidewalls, and the box endwalls, whereby the liquid supply

source may supply spray to the spray nozzles and receive any spray collected in the spray box near the box floor.